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CONTRIBUTIONS TOWARD A

FLORA OF NEVADA. NO. 15.

NAIADACEAE OF NEVADA

by

F. J. HERMANN

December 1, 1940.

Issued by

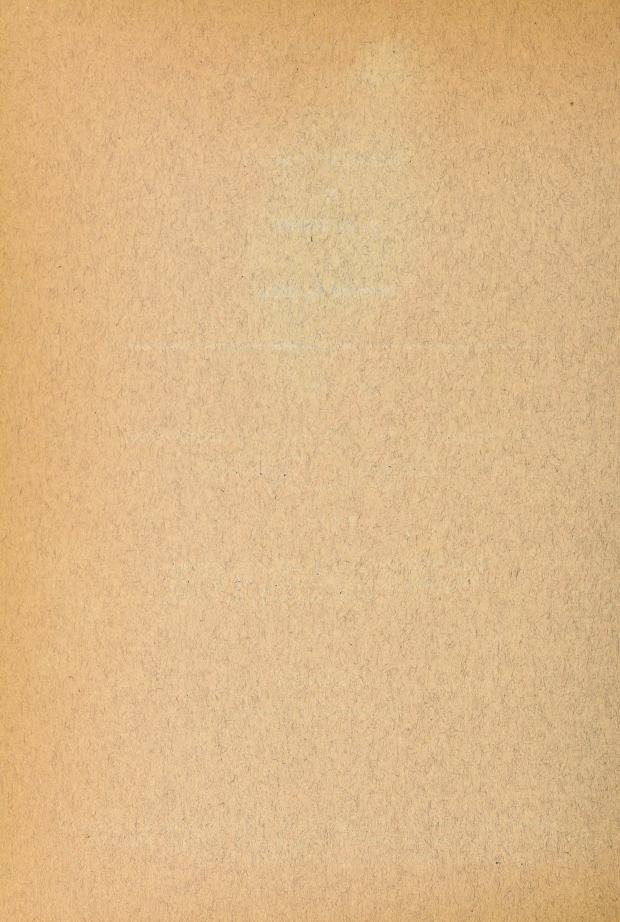
The Division of Plant Exploration and Introduction,
Bureau of Plant Industry,
U. S. Department of Agriculture,
Washington, D. C.

Work Projects Administration of Nevada, Projects, O. P. 65-2-04-13, W. P. 658; O. P. 165-2-04-21, W. P. 752.

Collaborator

University of Nevada.

Address all queries concerning this publication to the Division of Plant Exploration and Introduction, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.



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NAIADACEAE OF NEVADA

By F. J. Hermann

Submerged marine or fresh-water aquatics with slender, branching stems. Leaf-blades linear, spiny-toothed, sheathing at the base. Flowers monoecious or dioecious, solitary in the axils. Staminate flowers with an outer 4-toothed or entire perianth, and an inner hyaline one adnate to the anthers. Stamen 1, sessile; anthers apiculate or 2-lobed at the summit. Pistillate flowers of a single ovary, tapering into a short style; stigmas 2-4, subulate. Fruit a solitary sessile nutlet.

Only the following genus.

1. NAIAS L.

Characters of the family. One species in Nevada.

1. NAIAS MARINA L. Sp. Pl. 1015. 1753.

Naias major All. Fl. Ped. 2: 221. 1785.

Naias marina var. californica Rendle, Trans. Linn. Soc. II. 5: 398. 1889.

Stems relatively stout, up to 1.5 m. in length, often armed with broad prickles; leaves broadly linear, 1-4.5 cm. long,

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 0.5-3 mm. broad, coarsely and conspicuously toothed, the teeth visible to the naked eye, the dilated base entire; backs of leaves often spiny; flowers dioecious; fruit oblong, 2-4.5 mm. long, 2-3 mm. wide; seed finely reticulate.

Marshes, salt springs and brackish water, locally from Florida to central New York, Minnesota, North Dakota, Texas, Utah and California.

Nevada: Nye County. Reported from Elko County. The two Nye County collections seen were from hot springs having a temperature of 90° F. (Leaflets of Western Botany 1: 182. 1935).

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